GenCore version 5.1.6 Copyright (c) 1993 - 2003 Compugen Ltd.

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Regult
No.
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Title:
Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                        Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                 Score
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Gapop 10.0 , Gapext 0.5
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1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/US06_REW_PUB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*

5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*

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                                                                                                                                                                                                                                                                                                                               Length DB
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9 US-09-817-647-4

9 US-09-817-647-8

10 US-09-817-665-8

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11 US-10-136-573A-4

12 US-10-136-573A-8

13 US-10-215-862-8

15 US-10-215-862-8

15 US-10-215-862-9

15 US-09-817-647-7

10 US-09-817-647-7

11 US-10-136-573A-7

12 US-10-136-573A-7

14 US-10-136-573A-3
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Sequence Sequence Sequence
                                                                                                                                                                             Sequence 4,
Sequence 8,
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Sequence
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41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0
632	456	456	456	125	125	125	99	99	99	95	66	50	49	49	49	49	720	720	720	720	713	713	713	713	696	696	696	969	362
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US-09-795-668-16 .	US-09-946-807-17	US-09-795-686-17	US-09-795-668-17	US-09-946-807-30	US-09-795-686-30	US-09-795-668-30	US-09-946-807-35	US-09-795-686-35	US-09-795-668-35	US-10-022-609-12	US-10-082-747A-2	.US-10-096-241-12	US-10-215-862-14	US-10-136-573A-14	US-09-877-665-14	US-09-817-647-14	US-10-215-862-6	US-10-136-573A-6	US-09-877-665-6	US-09-817-647-6	US-10-215-862-2	US-10-136-573A-2	US-09-877-665-2	US-09-817-647-2	US-10-215-862-23	US-10-136-573A-23	. US-09-877-665-23	US-09-817-647-23	US-10-215-862-3
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7.4	LENGTH: 47 amino acids	SEQUENCE CHARACTERISTICS:	INFORMATION FOR SEQ ID NO: 4:	TELEFAX: 650/952-9881	TELEPHONE: 650/225-2066	••	REFERENCE/DOCKET NUMBER: P1084R1-2	REGISTRATION NUMBER: 36,487	NAME: Conley, Deirdre L.	ATTORNEY/AGENT INFORMATION:	FILING DATE: <unknown></unknown>	APPLICATION NUMBER: 09/107,979	PRIOR APPLICATION DATA:	CLASSIFICATION: <unknown></unknown>	FILING DATE: 26-Mar-2001	APPLICATION NUMBER: US/09/817,647	CURRENT APPLICATION DATA:	SOFTWARE: WinPatin (Genentech)	OPERATING SYSTEM: PC-DOS/MS-DOS	COMPUTER: IBM PC compatible	MBDIUM TYPE: 3.5 inch, 1.44 Mb-£loppy disk	COMPUTER READABLE FORM:	ZIP: 94080	COUNTRY: USA	STATE: California	CITY: South San Francisco	STREET: 1 DNA Way	ADDRESSEE: Genentech, Inc.	CORRESPONDENCE ADDRESS:	NUMBER OF SEQUENCES: 23	Liquids and Uses Therefor	3rbB Receptor-Specific Neurequlin Related	waki	GENERAL INFORMATION:	Patent No. ,US20020082229A1	Sequence 4, Application US/09817647	US-09-817-647-4	KROULL L

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1 HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 47

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 8, Application Sequence 8, Application Sequence 8, Application Sequence 8, Application Sequence 9, Mark, Melanie Rose, Zhang APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang TITLE OF INVENTION: BrbB Receptor-Specific Neuregulin Ligands and Uses Therefor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-817-647-4
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Best Local Similarity
                                                           Matches
                                                                                             Query Match
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                                                                                                                                                                                                                                                                                                                                         TELEFAX: 650/952-9881 INFORMATION FOR SEQ ID NO: 8:
                                                                           Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REPERENCE/DOCKET NUMBER: P1084R1-2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/817,647
FILING DATE: 26-Mar-2001
                                                                                                                                                IDENTIFICATION METHOD:
OTHER INFORMATION:
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
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1 HFKPCRDKDLAYCLNDGBCFVIETLTGSHKHCRCKEGYQGVRCDQPL 47
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                                                                                                                                                                                                                          NAMB/KEY:
                                                                                                                                                                                                                                                              TYPE: Amino Acid
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOPTWARE: WinPatin (Genentech)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: California
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                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 650/225-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 09/107,979
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: 3.5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: South San Francisco
                                                                                                                                                                                                                                                                                                   ENGTH: 47 amino acids
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ilarity 100.0%;
Conservative (
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                                                                       Score 277; DB 9;
Pred. No. 9.1e-27;
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                                                         Mismatches
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                                                                                       Length 47;
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US-09-877-665-8
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                                                                                                                                                                                                                                    RESULT 4
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                                                                                                                                                  Sequence 8, Application US/09877665
Patent No. US20020164680A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                          ocal Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb /
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                    TITLE OF INVENTION: Brbs Receptor-Specific Neuregulin Related
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/109,206
FILING DATE: 30-Jun-1998
ATTORNBY/AGENT INFORMATION:
                                                           CORRESPONDENCE ADDRESS:
                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: P1084R1-1 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: ErbB Receptor-Specific
                                                                                                                                                                                                                                                                                          1 HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 47
                                                                                                                                                                                                                                                                                                                                 1 HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/877,665
FILING DATE: 08-Jun-2001
CLASSIFICATION: <UNKnown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <sub>@</sub>CITY: South San
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: NRG3 EGF-like domain/amino acid seq. LOCATION: 1-47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: Amino Acid
TOPOLOGY: Linear
                  ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 650/952-9881
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Conley, Deirdre L. REGISTRATION NUMBER: 36,487
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 47 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 650/225-2066
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  South San
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                                                                                            Ligands and Uses Therefor
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ErhR Receptor-Specific Neuregulin
Francisco
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ılin Related
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COMPUTER READABLE FORM:

STATE: California COUNTRY: USA ZIP: 94080

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Query Match
Best Local Similarity 100.
47; Conservative
                                                                                                          ORGANISM: Homo sapiens
-10-136-573A-4
                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
SEQ ID NO 4
                                                                                                                                                                                                                                                      APPLICANT: Godowski, Paul J.
APPLICANT: Mark, Melanie Rose
APPLICANT: Mark, Melanie Rose
APPLICANT: Mark, Melanie Rose
APPLICANT: Zhang, Dong Xiao
TITLE OF INVENTION: BrbB Receptor-Specific Neuregulin Related Ligands and
TITLE OF INVENTION: Uses Therefor
TILE REFERENCE: P108481C2
CURRENT APPLICATION NUMBER: US/10/136,573A
CURRENT APPLICATION NUMBER: US/09/480,977
PRIOR APPLICATION NUMBER: US 09/480,977
PRIOR APPLICATION NUMBER: US 08/899,437
PRIOR PILING DATE: 1997-07-24
PRIOR PILING DATE: 1997-07-24
PRIOR PILING DATE: 1997-07-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/052,019
PRIOR FILING DATE: 1997-07-09
NUMBER OF SEQ ID NOS: 23
                                                                                                                                                    LENGTH: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 8: SEQUENCE CHARACTERISTICS: LENGTH: 47 anino acids
TYPE: Amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               lence 4, Application US/10136573A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IDENTIFICATION METHOD:
OTHER INFORMATION:
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/877,665
FILING DATE: 08-Jun-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA;
PRIOR APPLICATION DATA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/109,206
PILING DATE: 30-Jun-1998
ATTORNEY/AGENT INFORMATION:
NAME: Conley, Delrare L.
REGISTRATION NUMBER: 36,487
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 HPKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 47
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47; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WinPatin (Genentech)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KBY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION:
                100.0%; Score 277; DB 14;
100.0%; Pred. No. 9.1e-27;
7ative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NRG3 EGF-like domain/amino acid seq
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Pred. No. 9.1e-27;
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                                                       Length 47;
                   Indels
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                                                                                               Query Match
Best Local
                                                                         Matches
                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 23 SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 4, Application US/10215862
Publication No. US20030036166A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION
                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 08/899,437
PRIOR FILING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 60/052,019
PRIOR FILING DATE: 1997-07-09
                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: P1084R1D2C1
CURRENT APPLICATION NUMBER: US/10/215,862—
CURRENT FILING DATE: 2002-09-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Godowski, Paul J.

APPLICANT: Mark, Melanie Rose
APPLICANT: Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related Ligands and
TITLE OF INVENTION: Uses Therefor
                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 09/126,663 PRIOR FILING DATE: 1998-07-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 8, Application US/10136573A Publication No. US20020161200A1
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                                                                                                                                                                    ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 08/899,437
PRIOR PILLING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 60/052,019
PRIOR FILING DATE: 1997-07-09
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CURRENT FILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: US 09/480,977
PRIOR FILING DATE: 2000-01-11
                                                                                                                                                                                                   TYPE: PRT
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APPLICANT: Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related Ligands and
TITLE OF INVENTION: Uses Therefor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 23
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                                                                                        Local Similarity
1 HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKBGYOGVRCDQFL 47
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                                                                     Conservative
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                                                            100.0%; Score 277; DB 15; 100.0%; Pred. No. 9.1e-27; tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 277; DB 14;
100.0%; Pred. No. 9.1e-27;
111ve 0; Mismatches 0;
                                                                                                     Length 47;
                                                                 Indels
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1.HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 47

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RESULT 9
US-09-817-647-7
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JS-10-215-862-8
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Best Local Similarity
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LENGTH: 4
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Publication No. US20030036166A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related Ligands and
TITLE OF INVENTION: Uses Therefor
FILB REFERENCE: P1084R1D2C1
CURRENT APPLICATION NUMBER: US/10/215,862
CURRENT FILLING DATE: 2002-09-24
PRIOR APPLICATION NUMBER: US 09/126,663
PRIOR FILING DATE: 1998-07-30
PRIOR FILING DATE: 1998-07-30
PRIOR PPLICATION NUMBER: US 08/899,437
PRIOR FILING DATE: 1997-07-24
PRIOR FILING DATE: 1997-07-29
PRIOR FILING DATE: 1997-07-09
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ATTORNEY/AGENT INFORMATION:
NAME: COLLEY, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1084R1-2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 mb i
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
                                                                                                                                                            APPLICATION NUMBER: US/09/817,647
PILING DATE: 26-Mar-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AL INFORMATION:
APPLICANT: Godowski, Paul J., Mark, Melanie Rose,
TITLE OF INVENTION: ErbB Receptor-Specific Neurego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION
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                                                                                                                          APPLICATION NUMBER: 09/107,979
FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: South San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mark, Melanie Rose
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                                                                                                                                                                                                                                                                                                                                                inch, 1.44 Mb floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 277; DB 15;
Pred. No. 9.1e-27;
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; SEQUENCE DESCRIPTION: SEQ ID NO: US-09-877-665-7
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Query Match
Best Local Similarity 100.
47; Conservative
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Patent No. US20020164680A1
GENERAL INFORMATION:
GARDELICANT: GOOGWEKI, Paul J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 7: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/877,665
FILING DATE: 08-JUN-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                       NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1/
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/09/109,206
PILING DATE: 30-Jun-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Godowski, Paul J., Mark, Melanie Rose, TITLE OF INVENTION: BrbB Receptor-Specific Neuregn Ligands and Uses Therefor NUMBER OF SEQUENCES: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           286 HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 332
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                                                                                                                                                                                                                                                     eLENGTH: 360 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       h ... 100.0%; Score 277; DB 9; Similarity 100.0%; Pred. No. 7.3e-26; O; Mismatches 0;
                                                                                                                                                                                       NAME/KEY: hNRG3 extracellular domain/Amino AcidSeq
                                                                                                                                                                                                                                      TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                        TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: South San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                     TELEFAX: 650/952-9881
                                                                                                                                                        DENTIFICATION METHOD:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KBY: hNRG3 extracellular domain/Amino AcidSeg
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 360 amino acids TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  THER INFORMATION:
                                                                                                                                     INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                          650/225-2066
                100.0%; Score 277; DB 10;
100.0%; Pred. No. 7.3e-26;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Genentech, Inc.
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                                                                                                                                                                                                                                                                                                                                                                                              P1084R1-1
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CURRENT APPLICATION NUMBER: US/10/215,862

CURRENT FILING DATE: 2002-09-24

PRIOR APPLICATION NUMBER: US 09/126,663

PRIOR FILING DATE: 1998-07-30

PRIOR APPLICATION NUMBER: US 08/899,437

PRIOR PILING DATE: 1997-07-24

PRIOR APPLICATION NUMBER: US 60/052,019

PRIOR APPLICATION NUMBER: US 60/052,019

PRIOR FILING DATE: 1997-07-09
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trype: prt
proper year
proper Homo sapiens
us-10-136-573A-7
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Best Local Similarity 10v.
47; Conservative
                                                                           Matches
                                                                                                            Query Match
                                                                                                                                                                                                                              SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 7, Application US/10215862 Publication No. US20030036166A1 GENERAL INFORMATION:
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SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 7, Application US/10136573A Publication No. US20020161200A1
                                                                                                                                                                                         LENGTH: 36
                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 08/899,437
PRIOR FILING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 60/052,019
PRIOR FILING DATE: 1997-07-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Godowski, Paul J.
APPLICANT: Mark, Melanie Rose
APPLICANT: Zhang, Dong Xiao
                                                                                                                                                                    ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 09/480,977
PRIOR FILING DATE: 2000-01-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/136,573A CURRENT FILING DATE: 2002-04-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Zhang, Dong Xiao
TITLE OP INVENTION: EXBERCEPTOR-Specific Neuregulin Related Ligands and
TITLE OP INVENTION: Uses Therefor
FILE REFERENCE: P1084R1C2
                                                                                                                                                                                                                                                                                                                                                                                                                                      ITLE OF INVENTION: Brbs Receptor-Specific Neuregulin Related Ligands and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Godowski, Paul J.
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                                                                    PAST 47; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  286 HPKPCKDKDLAYCLNDGECFVIETLTGSHKHCKCKEGYQGVRCDQFL 332
                                                                                                                                                                                                            360
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HPKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 47
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                                                                                                                                                                                                                                                 23
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                                                                  Mismatches
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                                                                                                    Length 360;
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US-09-877-665-3
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US-09-817-647-3
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                                                                                                                                                 Sequence 3, Application US/09877665
Patent No. US20020164680A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 3
                                                       NUMBER OF SEQUENCES: 23 CORRESPONDENCE ADDRESS:
                                                                                                      APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE DESCRIPTION: SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/817,647
PILING DATE: 26-Max-2001
CLASSIFUICATION: «Unknown»
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 mb:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                    288 HPKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 334
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Godowski, Paul J., Mark, Melanie Rose, TITLE OF INVENTION: ErbB Receptor-Specific Neureq
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                                                                                                                                                                                                                                                                                                           1 HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQPL 47
                                                                                                                                                                                                                                                                                                                                                                        47;
                                                                                                                                                                                                                                                                                                                                                                                         Similarity
                ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       IDENTIFICATION METHOD:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 362 amino acids TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 09/107,979 FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Genentech, Inc. STREET: 1 DNA Way CITY: South San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 650/225-2066
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South San Francisco
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                                                                                            Ligands and
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                                                                                                                                                                                                                                                                                                                                                                                  Score 277; DB 9;
Pred. No.-7.4e-26;
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                                                                                            Uses
                                                                                            Therefor
                                                                                                                                                                                                                                                                                                                                                                                                     Length 362;
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STATE: California

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; TYPE: PRT
; ORGANISM: Mus musculus
US-10-136-573A-3
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     Ouery Match 100.0%; Score 277; DB 14; Best Local Similarity 100.0%; Pred. No. 7.4e-26; Matches 47; Conservative 0; Mismatches 0;
                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
SEQ ID NO 3
LENGTH: 362
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                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/136,573A CURRENT FILING DATE: 2002-04-29 PRIOR APPLICATION NUMBER: US 09/480,977 PRIOR FILING DATE: 2000-01-11 PRIOR APPLICATION NUMBER: US 08/899,437 PRIOR FILING DATE: 1997-07-24 PRIOR APPLICATION NUMBER: US 60/052,019 PRIOR FILING DATE: 1997-07-09 NUMBER: US 60/052,019 PRIOR FILING DATE: 1997-07-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Godowski, Paul J.
APPLICANT: Mark, Melanie Rose
APPLICANT: Abang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related Ligands and
TITLE OF INVENTION: Uses Therefor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ILE REFERENCE: P1084R1C2
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IDENTIFICATION METHOD:
OTHER INFORMATION:
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/109,206
PILING DATE: 30-JUN-1998
ATTORNEY JAGENT INFORMATION:
NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: 91084R1-1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/877,665
PILING DATE: 08-Jun-2001
CLASSIFICATION: -(DACROWN)
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WinPatin (Genentech)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      288 HPKPCRDKDLAYCLNDGECPVIETLTGSHKHCKCKEGYQGVRCDQFL 334
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TYPE: Amino Acid
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        Indels
                                                      Length 362;
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288 HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 334
                                                 HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 47
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Search completed: October 14, 2003, 17:38:30

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seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /cgn2 6/ptcdata/1/laa/5A COMB.pep:*
/cgn2 6/ptcdata/1/laa/5B_COMB.pep:*
/cgn2 6/ptcdata/1/laa/6A COMB.pep:*
/cgn2 6/ptcdata/1/laa/6B COMB.pep:*
/cgn2 6/ptcdata/1/laa/BCTUS COMB.pep:*
/cgn2 6/ptcdata/1/laa/backfiles1.pep:*
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US-08-899-437-23
US-09-126-121-23
                     US-08-899-437-2

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US-09-126-121-6

US-08-89-437-640A-1

US-08-417-640A-1

US-08-761-038-1

US-08-761-038-1

US-08-761-038-1

US-08-89-437-14

US-09-238-121-14

US-09-238-121-14

US-09-126-121-14

US-09-126-121-14

US-09-126-121-13

US-08-763-0707A-12

US-08-763-0707A-12

US-08-761-038-3

US-08-761-038-3

US-08-761-038-3

US-08-761-038-3
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MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/899,437

FILING DATE: 24-Jul-1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Deirdre L.

REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1084R1

TELECOMMUNICATION INFORMATION:

TELEPAN: 650/252-2086

TELEPAN: 650/252-3081

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 47 amino acids

TYPE: Amino Acid

TPDFLOGY: Linear
                                                                                                                                                                    US-08-899-437-4
                                                                           Query Match
Best Local S
Matches 47
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US-08-899-437-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Godows
                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhar
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin
TITLE OF INVENTION: Ligands and Uses Therefor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 28
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                                                                                                                                                                           NAME/KEY: NRG3 EGF-like domain/amino acid LOCATION: 1-47
IDENTIFICATION METHOD: OTHER INFORMATION:
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STREET: 1 DNA Way
CITY: South San Francisco
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100.0%; pr
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US-08-470-335-221
US-08-470-335-221
US-08-467-602-415
US-08-467-602-415
US-08-456-201-10
US-08-456-201-10
US-08-08-08-02
US-09-020-080-2
US-09-0101-544-2
PCT-US92-04295A-10
US-08-341-018-70
US-08-470-335-225
US-08-470-335-225
US-08-470-335-225
US-08-470-335-225
US-08-470-335-225
US-08-470-335-224
US-08-470-335-224
US-08-470-335-224
                                                                 Score 277; DB 3;
Pred. No. 1.8e-26;
Mismatches 0;
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ılin Related
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Regult No.

Gaps

Minimum DB Maximum DB

HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 47

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JS-08-899-437-8
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Best Local Similarity
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atent No. 6121415
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COMPUTER READABLE FORM:
                                                                                                          CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: 18M PC compatible
COMPUTER: 18M PC compatible
COMPUTER: 18M PC compatible
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/899,437
FILING DATE: 24-Uni-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 650/225-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
                                                                                                                                         TLE OF INVENTION:
                                                                                                                                                                           PLICANT:
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                                                                                             ADDRESSEE:
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                                                              South San
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                                                       B: Genentech, Inc
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Outh San Prancisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Linear
                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 277; DB 3; 100.0%; Pred. No. 1.8e-26;
                                                                                                                                       Ligands and Uses Therefor
                                                                                                                                                , Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
ErbB Receptor-Specific Neuregulin Related
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Neuregulin Related
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US-09-126-121-8
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Patent No. 6252051
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Best Local Similarity 100
Matches 47; Conservative
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APPLICANT: Godows
                                     TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
   SEQUENCE CHARACTERISTICS:
LENGTH: 47 amino acide
                                                                                       REFERENCE/DOCKET NUMBER: P1
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: 3.5 inch, 1.44
COMPUTER: 15MP CC computable
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NFORMATION FOR SEQ ID NO:
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ATTORNBY/AGENT INFORMATION:
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                                                                                                                  NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
                                                                                                                                                                                           APPLICATION NUMBER: FILING DATE: 30-Jul
                                                                                                                                                                                                                                           OPERATING SYSTEM: P
SOPTWARE: WinPatin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
                                                                        TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk COMPUTER: IEM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WinPatin (Genentech)
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                                                                                                                                                                                                                                                                                                                                        94080
                                                                                                                                                                                                                                                                                                                                                                                          South San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 47
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                                                                                                                                                                                                                                                                                                                                                                       California
47 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                          1 DNA Way
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                                                                                                                                                                                                                                                                                                                                                      USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NRG3 EGF-like
1-47
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                                                                                                                                                                                              30-Jul-1998
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                                                                                                                                                                                                                                                                 PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 277; DB 3; 100.0%; Pred. No. 1.8e-26;
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                                                                                                                                                                                                                                                                                               floppy disk
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; ORGANISM: Mus musculus
US-09-553-769-6
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SEQ ID NO 6
LENGTH: 48
TYPE: PRT
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Best Local Similarity
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Best Local Similarity 100.0%;
Matches 47; Conservative 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/553,769
CURRENT FILING DATE: 2000-04-21
NUMBER OF SEQ ID NOS: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENERAL INFORMATION:
APPLICANT: Harari, Daniel
APPLICANT: Yarden, Yosef
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                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compartible
COMPUTER: IBM PC compartible
COPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TLB OF INVENTION: NOVEL GROWTH FACTOR WHICH ACTS THROUGH ErbB-4 RECEPTOR TYROSINE OF INVENTION: SEQUENCES ENCODING SAME AND USES THEREOF
                    TTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ent No. 6544759
                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                      APPLICATION NUMBER: US/08/899,437
PILING DATE: 24-Jul-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                       TLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                DDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IDENTIFICATION METHOD:
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                                                                                         WARE: WinPatin (Genentech)
                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION:
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                                                                                                                                                                                                                      94080
                                                                                                                                                                                                                                                                   South San Prancisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/08899437
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 48
                                                                                                                                                                                                                                                       California
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                                                                                                                                                                                                                                    USA
                                                                                                                                                                                                                                                                                                                                                                                                    Godowski; Paul J., Mark, Melanie Rose,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 277; DB 4;
11arity 100.0%; Pred. No. 1.8e-26;
Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                            Genentech, Inc.
Deirdre L.
                                                                                                                                                                                                                                                                                                                                                                     Ligands and Uses
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 277; DB 3;
Pred. No. 1.8e-26;
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                                                                                                                                                                                                                                                                                                                                                                                 anie Rose, Zhang, Dong Xiao
fic Neuregulin Related
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IDENTIFICATION METHOD:
OTHER INFORMATION:
US-09-126-121-7
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      Best Local Similarity Matches 47; Conserv
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Patent No.
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inc
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                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: P1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA
                                                                                                                                                 PEATURE:
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TELECOMMUNICATION INFORMATION:
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                                                                                                                             NAME/KEY:.
                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                         TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                  NAME: Conley, Deirdre REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                       MEDITY TYPE: 3.5 inch, 1.44 Mb floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                       TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
FILING DATE: 30-Jul
                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: WinPatin (Genentech)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION:
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Amino Acid
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      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
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                                                                                                                 hNRG3 extracellular domain/Amino AcidSeq 1-360
                                                                                                                                                            Linear
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              100.0%; Score 277; DB 3; 100.0%; Pred. No. 1.5e-25;
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                                                                                                                                                                                                                                                                                                36,487
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Pred. No. 1.5e-25;
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                             Length 360;
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                                                                                                                                                                 Sequence 3, Application US/09126121 Patent No. 6252051
                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                    Matches
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SEQUENCE CHARACTERISTICS:
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                                                                                     TITLE OF INVENTION:
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                                                                         UMBER OF SEQUENCES:
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MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CORRESPONDENCE ADDRESS
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TITLE OF INVENTION: ExbB Receptor-Specific Neuregulin Related
TITLE OF INVENTION: Ligands and Uses Therefor
NUMBER OF SEQUENCES: 23
                                                      RRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY:
LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           IDENTIFICATION METHOD:
                                    DDRESSEE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1084R1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ASSIFICATION:
                                                                                                                                                                                                                                                                  288 HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 334
                                                                                                                                            INFORMATION:
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Amino Acid
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South San Francisco
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                   1 DNA Way
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                                                                                                                      Godowski, Paul J., Mark, Melanie Rose,
                                                                                                                                                                                                                                                                                                                                                Conservative
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                                 Genentech, Inc
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                                                                Ligands and Uses Therefor
                                                                                                                                                                                                                                                                                                                                        100.0%; Score 277; DB 3;
100.0%; Pred. No. 1.5e-25;
tive 0; Mismatches 0;
                                                                                                           ErbB Recept
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                                                                                                   ng, Dong Xiao
Related
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Patent No. 6121415
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Best Local Similarity 100.
Matches 47; Conservative
                                                                        ATTORNEY/AGENT INFORMATION:
NAMB: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P108
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 362 amino acid
                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/899,437
FILING DATE: 24-Jul-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
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TITLE OF INVENTION: Ligands and Uses
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REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET, NUMBER: P10
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: UK
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MEDIUM-TYPE: 3:5 inch, 1.44
COMPUTER: IBM PC Compatible
COMPUTER: COMPUT
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OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    288 HPKPCRDKDLAYCLNDGECPVIETLTGSHKHCRCKBGYQGVRCDQPL 334
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 HFKPCRDKDLAYCLNDGBCFVIETLTGSHKHCRCKBGYQGVRCDQFL 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 South San Fi
: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/08899437
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 DNA Way
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Godowski, Paul J., Mark, Melanie Rose
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  mNRG3 extracellular domainAmino acid seq
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Genentech, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             30-Jul-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 277; DB 3; 100.0%; Pred. No. 1.5e-25; tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            e Rose, Zhang, Dong Xiao
Neuregulin Related
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 362;
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Amino Acid

Linear

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RESULT 12
US-08-899-437-2
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                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                         Matches
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compactable
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 650/225-2066
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TITLE OF INVENTION: ErbB Rec
TITLE OF INVENTION: Ligands
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                           126-121-23
                                                                                                                                                                                                                    LOCATION: 1-696
IDENTIFICATION METHOD:
OTHER INFORMATION:
                                                                                                                                                                                                                                                           NAME/KBY: Human NRG3B2
LOCATION: 1-696
                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAMB: Conley, Deirdre L
REGISTRATION NUMBER: 36,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/126,121 FILING DATE: 30-Jul-1998
                                                                                                                                                                                                                                                                                                              TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
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CITY: South San Francisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: Human NRG3B2
LOCATION: 1-696
IDENTIFICATION METHOD:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                               LENGTH:
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                                                                                                                                         47,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ch 100.0%;
1 Similarity 100.0%;
47; Conservative 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   94080
                                                                                                                                                                                                                                                                                                                              Amino Acid
                                                                                                 HPKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 47
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                                                                                                                                     100.0%; Score 277; DB 3; ilarity 100.0%; Pred. No. 2.9e-25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao VENTION: BrbB Receptor-Specific Neuregulin Related
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Pred. No. 2.9e-25;
Mismatches 0
                                                                                                                                                                    Length 696;
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                                                                                                                                                                                                                                                                                                                                                                       RESULT 13
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                                                                                                                                                                                                                                                                                                               Sequence 2, Application US/09126121 Patent No. 6252051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inc
CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Conley, Deirdre L. REGISTRATION NUMBER: 36,487 REFERENCE/DOCKET NUMBER: P1/TELECOMMUNICATION INFORMATION: 650/225-2066
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
COMPUTER: DOS
COMPUTER: PC-DOS/MS-DOS
                                                                                                                                                                                                                                           APPLICANT: Godowski
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                         CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 24-Jul-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
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CORRESPONDENCE ADDRESS:
            MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOPTWARE: WinPatin (Genentech)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: Amd
                                                                                                                      COUNTRY:
                                                                                                                                                     CITY: South San Francisco
                                                                                                                                                                          STREET: 1 DNA Way
                                                                                                                                                                                          ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   IDENTIFICATION METHOD:
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                                                                                                                                                                                                                                                                                                                                                                                                                 288 HFKPCRDKDLAYCLNDGBCFVIETLTGSHKHCRCKEGYQGVRCDQFL 334
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Amino Acid
                                                                                                                                       California
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                                                                                                                      USA
                                                                                                                                                                                                                                                                              Godowski,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mouse NRG3 (mNRG3)/amino acid seq 1-713
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                                                                                                                                                                                     Genentech, Inc.
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                                                                                                                                                                                                                                           Ligands
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                                                                                                                                                                                                                                                           ErbB Receptor-Speci
                                                                                                                                                                                                                                                                              Paul J., Mark,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US/08/899,437
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 277; DB 3;
Pred. No. 2.9e-25;
; Mismatches 0;
                                                                                                                                                                                                                                                                            Melanie Rose,
                                                                                                                                                                                                                                                        e Rose, Zhang, Dong Xiao
Neuregulin Related
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 713;
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; OTHER INFORMATION:
US-09-126-121-2
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Patent No. 6121415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Overy Match 100.0%; Score 277; DB 3; Best Local Similarity 100.0%; Pred. No. 2.9e-25; Matches 47; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -08-899-437-6
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SEQUENCE CHARACTERISTICS:
LENGTH: 713 amino acids
TYPE: Amino Acid
                                                                                                                                                      NFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENERAL INFORMATION:
                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: ErbB Rec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        UMBER OF SEQUENCES:
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                                                                                                                                                                                                                          NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1
                                                                                                                                                                                          TELEPHONE:
                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/0
FILING DATE: 24-Jul-1997
OTHER INFORMATION:
                                                NAME/KEY:
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IDENTIFICATION METHOD:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
               DENTIFICATION METHOD:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/126,121
                                                                                    OLOGY:
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                                                                                                     : 720 amino acida
Amino Acid
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                                                                                Linear
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                                             hNRG3B1 amino acid sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mouse NRG3 (mNRG3)/amino acid seq
1-713
                                                                                                                                                                                          650/225-2066
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BrbB Receptor-Spec
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BrbB Receptor-Specific Neuregulin Related
                                                                                                                                                                                                                                                                                                                                 US/08/899,437
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US-09-126-121-6
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                                                                            Query Match
Best Local Similarity
                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6, App.
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                                                                                                                                                                                                                                                                       TELEFAX: 650/952-9881
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                    FEATURE:
NAME/KEY:
LOCATION:
                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 720 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      UMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TILE OF INVENTION:
                                                                                                                                     IDENTIFICATION METHOD: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk COMPUTER: IBM PC compatible OPERATING: SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: P1
                                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/126,121 FILING DATE: 30-Jul-1998
                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local
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286 HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 332
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                                                                47;
                   1 HFKPCRDKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDQFL 47
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                                                               Conservative
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                                                            100.0%; Score 277; DB 3
100.0%; Pred. No. 3e-25;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ligands and Uses
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
ErbB Receptor-Specific Neuregulin Related
Ligands and Uses Therefor
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                                                                                        DB 3;
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Search completed: October 14, 2003, 17:30:00

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